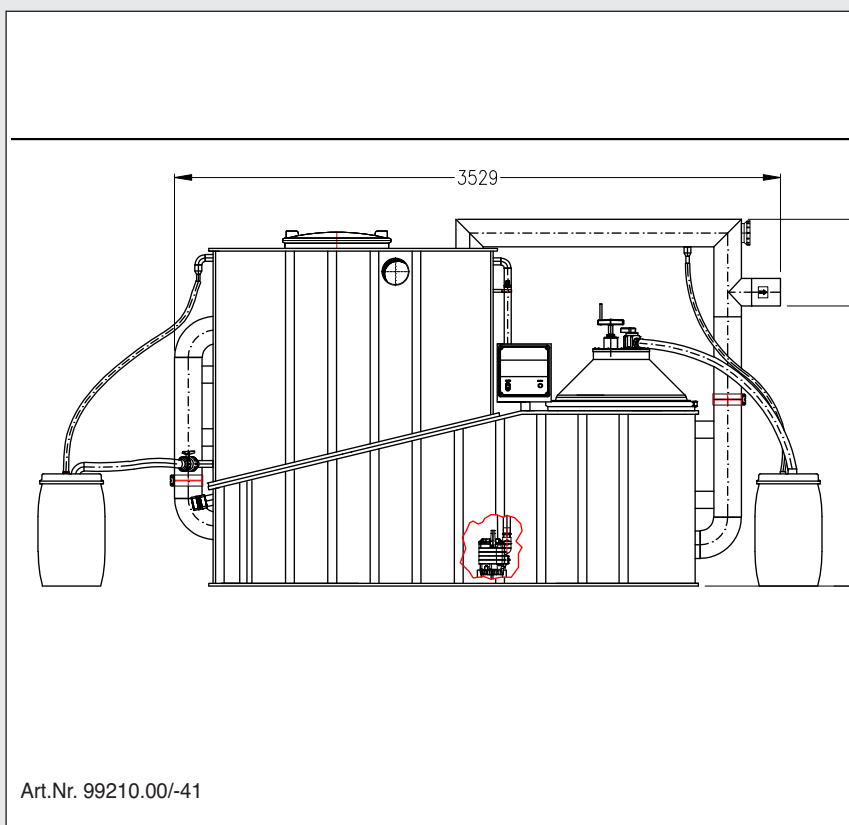


# INSTALLATION AND USER'S MANUAL

## KESSEL SE CN / SE CNS – Self Disposal Grease Separators Size NS 2, 4, 7, 10, 15, 20 and 25

**KESSEL SE CN – Self Disposal Grease Separators.**  
Size NS 2, 4, 7, 10, 15, 20 and 25



### Product Advantages

- Low weight offers easy handling and installation
- Separate disposal of grease and sludge
- Fully corrosion resistant PE

# 1. Safety Information



All personnel for the installation, assembly, operation, maintenance and repair of this system must have the proper training and qualifications.

Proper installation and operation of this system is required. Technical limits of this system may not be exceeded.

Observe all local / national norms and safety regulations during the installation, assembly, operation, maintenance and repair of this system.

## DANGERS

- Gases and fumes may pose a suffocation, infection and explosion hazard
- Hazards from falls / slips
- Drowning
- Infections from germs and contaminated wastewater
- Physical and mental strain due to working in dark, tight areas.

## WARNING !

Not following this operational manual or local / national safety regulations could result to damage of the system, physical injury or even death

## NOTICE !

This system is made up of individual components. During the installation, maintenance, inspection or repair of any of these individual components, the entire system should be shut down before any work is undertaken.



This system operates on electrical power and also contains moving parts as well as an electrical heating system. Improperly operating or handling this system could result in damage to the system and / or injury or death to the operation.

When the system is initially connected to a power source the sludge pump or the heating elements may immediately begin to operate. Keep away from the separator during the electrical connection.

Make sure that the separator is completely installed and all necessary connections are made before the system is connected to power.

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## 2. General

### 2.1 Application

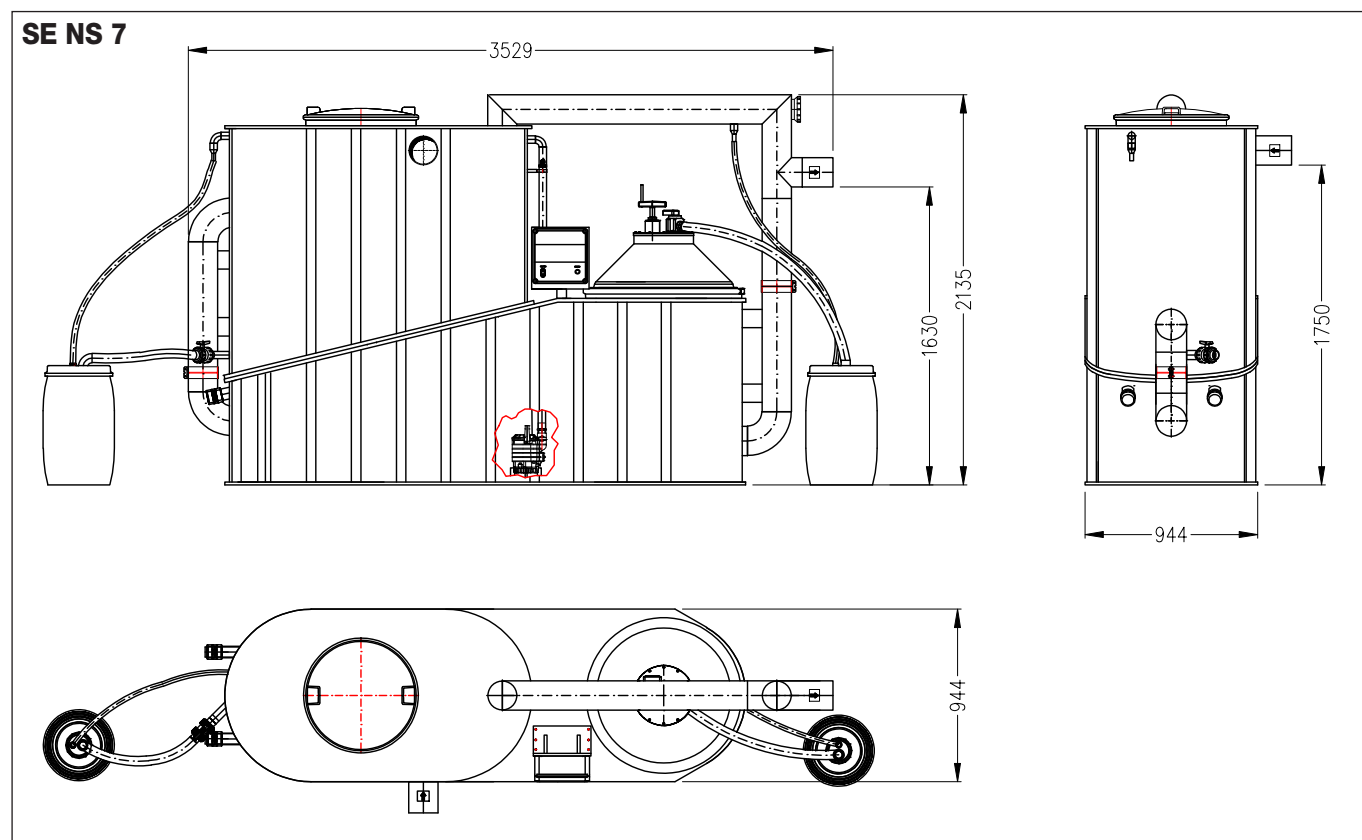
This grease separator is designed to separate grease and sludge from the wastewater stream of a private or public kitchen.

The outlet of this grease separator can be connected to private or public sewers.

The separation of grease and sludge from the wastewater stream is handled by gravity alone.

### 2.2 System description

- ① Inlet DN 150/DA160 mm
- ② Outlet DN 150/DA160 mm
- ③ Connection for heating rod (heating rod is optional)
- ④ Sludge transfer pump
- ⑤ Sludge and Grease tank
- ⑥ Control unit
- ⑦ Access
- ⑧ Grease disposal pipe
- ⑨ Sludge disposal pipe
- ⑩ Grease mixing lever
- ⑪ Internal ventilation
- ⑫ Grease disposal valve
- ⑬ Sludge disposal valve
- ⑭ Heating dome



## 3. Technical Data

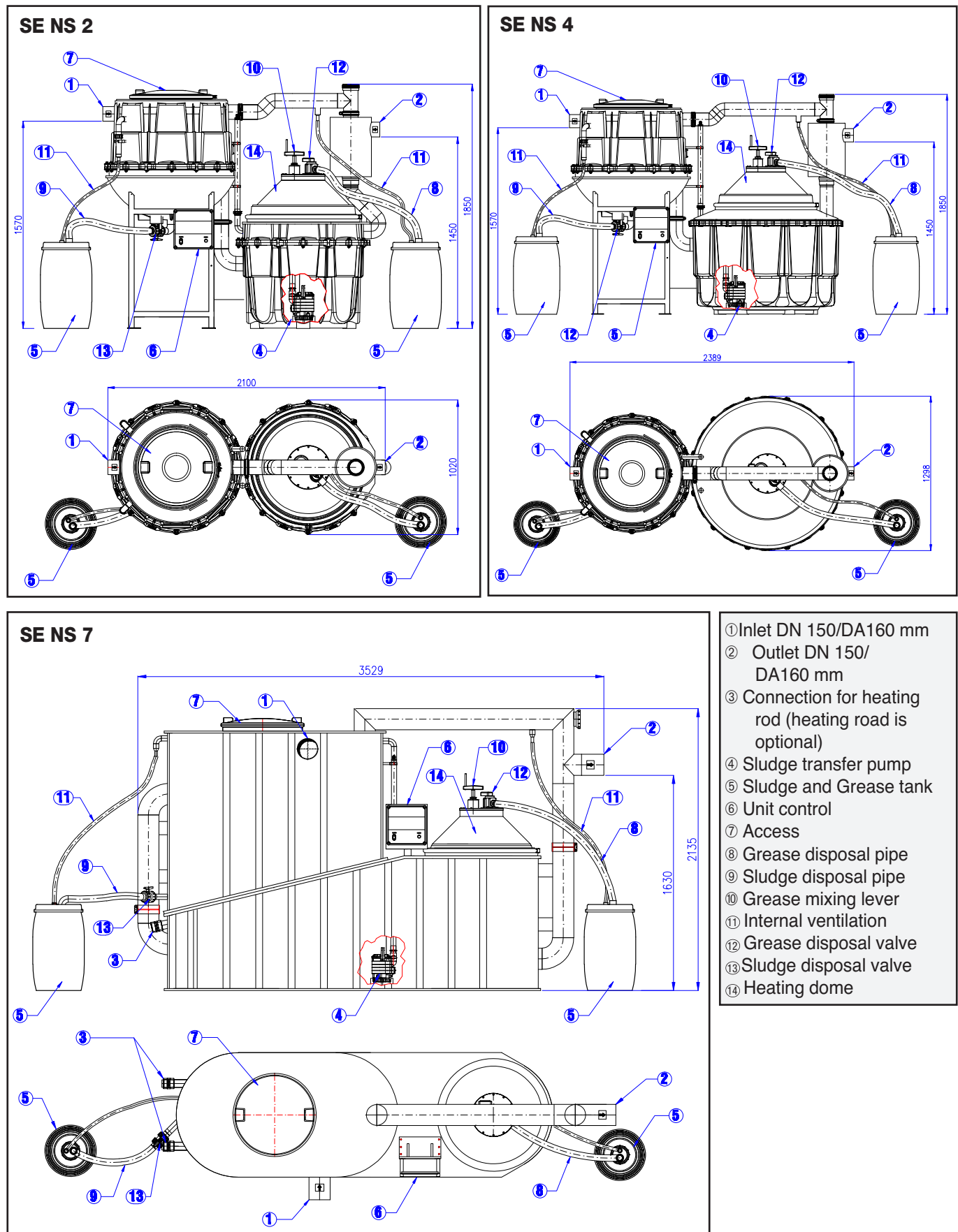
### 3.1. Electrical data

Current: 230 V 50 Hz  
 Total power requirement: 1700 Watt  
 (Heating dome – 1200 Watt (230 V – 50 Hz)  
 (Sludge rinsing pump – 500 Watt (230 V – 50 Hz)

Protection class: IP 54  
 Fuse requirements: 10 amp

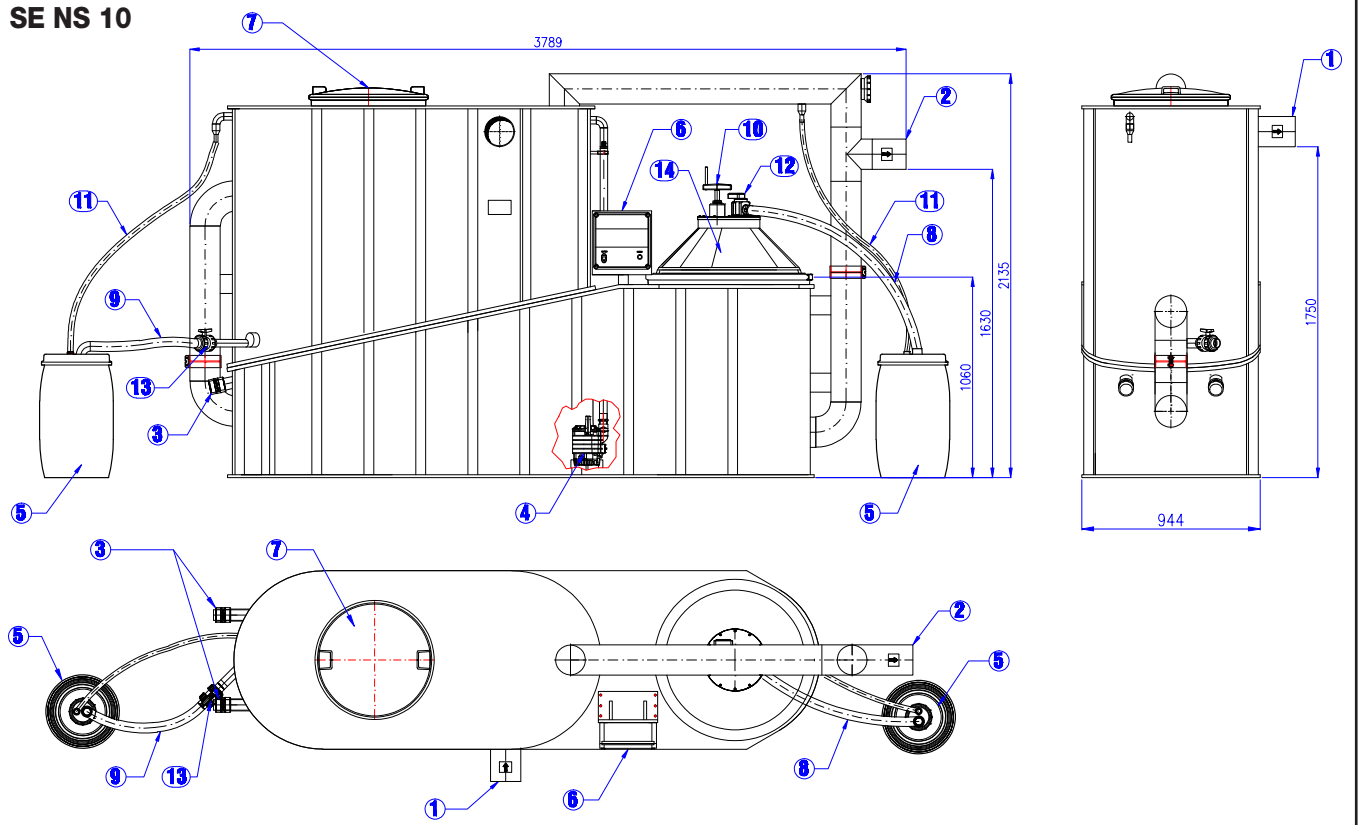
### 3. Technical Data SE CN NS 2-7

#### 3.2 Dimensioned drawings



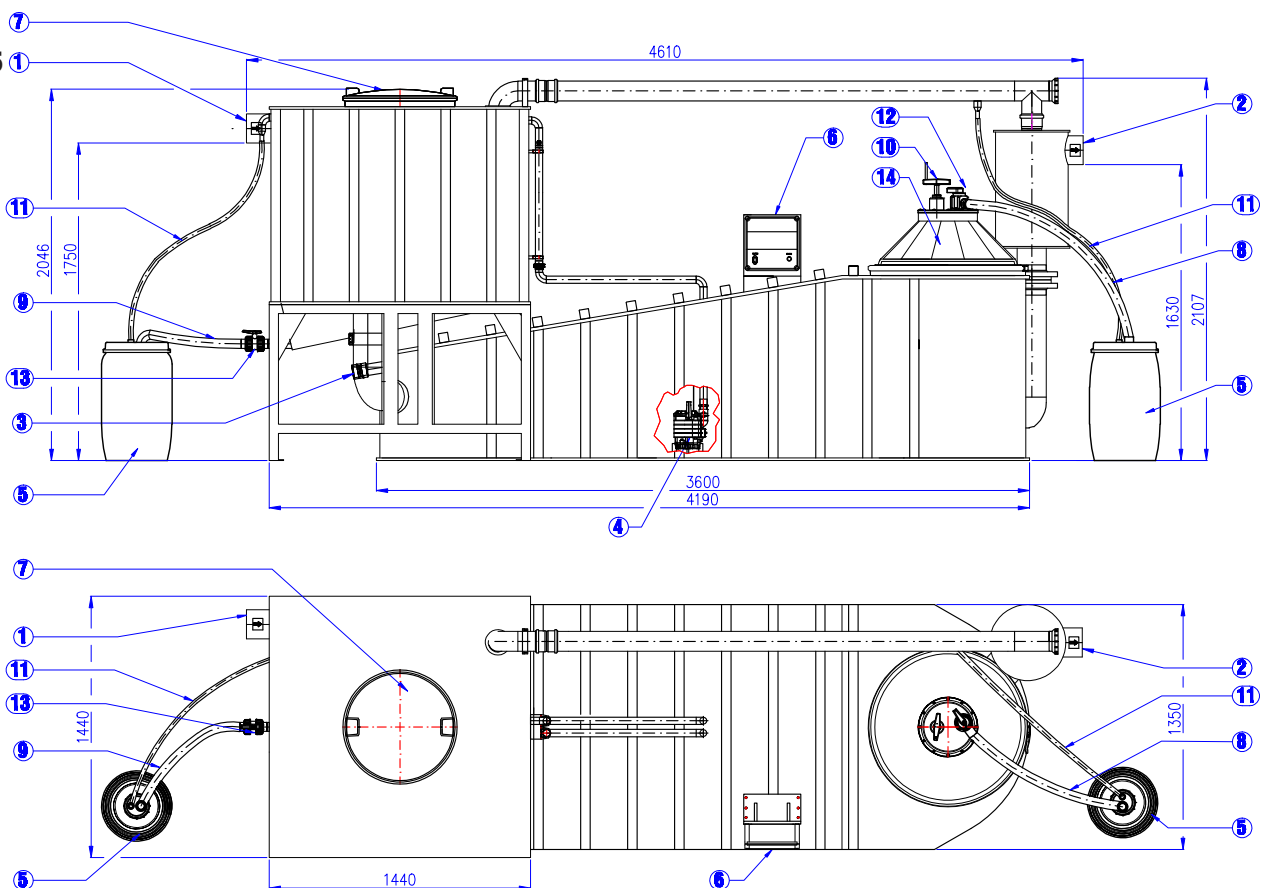
### 3. Technical Data SE CN NS 10-15

**SE NS 10**



**SE**

**NS 15**



### 3. Technical Data SE CN NS 20-25

# SE NS 20

The technical drawing illustrates the SE NS 20 mobile sewage treatment plant from two perspectives: a front view (top) and a side view (bottom). The front view shows the plant's overall dimensions, including a total width of 5050 mm and a total height of 2147 mm. It features two large cylindrical tanks (13) on the left and right, a central processing unit (10) with a control panel (6), and a pump assembly (12) on the right. The side view shows the plant's profile, with a width of 1600 mm and a height of 1400 mm. It highlights the wheels (5) and the internal components (11) within the main body (1). The drawing includes 14 numbered callouts (1-14) pointing to various parts of the system.

Dimensions and Callouts:

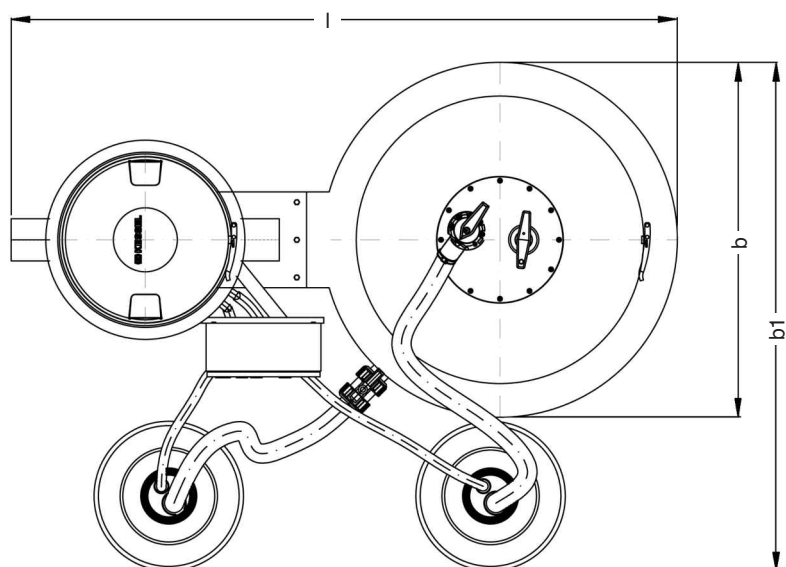
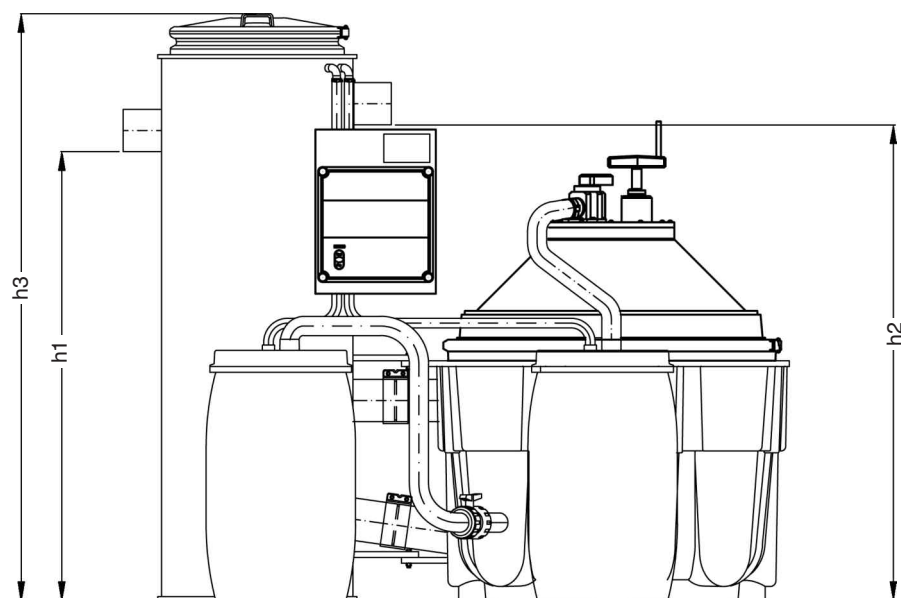
- Front View Dimensions:
  - Overall Width: 5050
  - Overall Height: 2147
  - Left Tank Height: 1750
  - Right Tank Height: 1630
  - Base Width (Left): 3800
  - Base Width (Right): 4550
- Side View Dimensions:
  - Overall Width: 1600
  - Overall Height: 1400
  - Left Tank Height: 1500
- Callouts:
  - 1: Main body/frame
  - 2: Top access panel
  - 3: Inlet/outlet pipe
  - 4: Base frame
  - 5: Wheel
  - 6: Control panel
  - 7: Inlet/outlet pipe (top)
  - 8: Inlet/outlet pipe (side)
  - 9: Inlet/outlet pipe (bottom)
  - 10: Central processing unit
  - 11: Internal components
  - 12: Pump assembly
  - 13: Large cylindrical tank
  - 14: Small cylindrical tank

# SE NS 25

The technical drawing illustrates the SE NS 25 mobile unit from two perspectives: a front view (top) and a side view (bottom). The front view shows a rectangular unit with a central control panel, a large cylindrical tank on the left, and a smaller cylindrical tank on the right. A red dashed circle highlights a component on the right side. Dimensions are provided for the front view: 5838 (total width), 1750 (height of the left tank), 1630 (height of the right tank), 2142 (height of the right tank base), 4770 (width of the central section), and 5391 (width of the right section). The side view shows the unit's profile, including the wheels, the control panel, and the internal structure. Dimensions for the side view include 1750 (height of the left tank), 1550 (height of the right tank), and 5838 (total width). Numbered callouts (1-14) identify various components and features of the unit.

### 3. Technical Data SE CNS NS 2-10

#### SE CNS NS 2-10

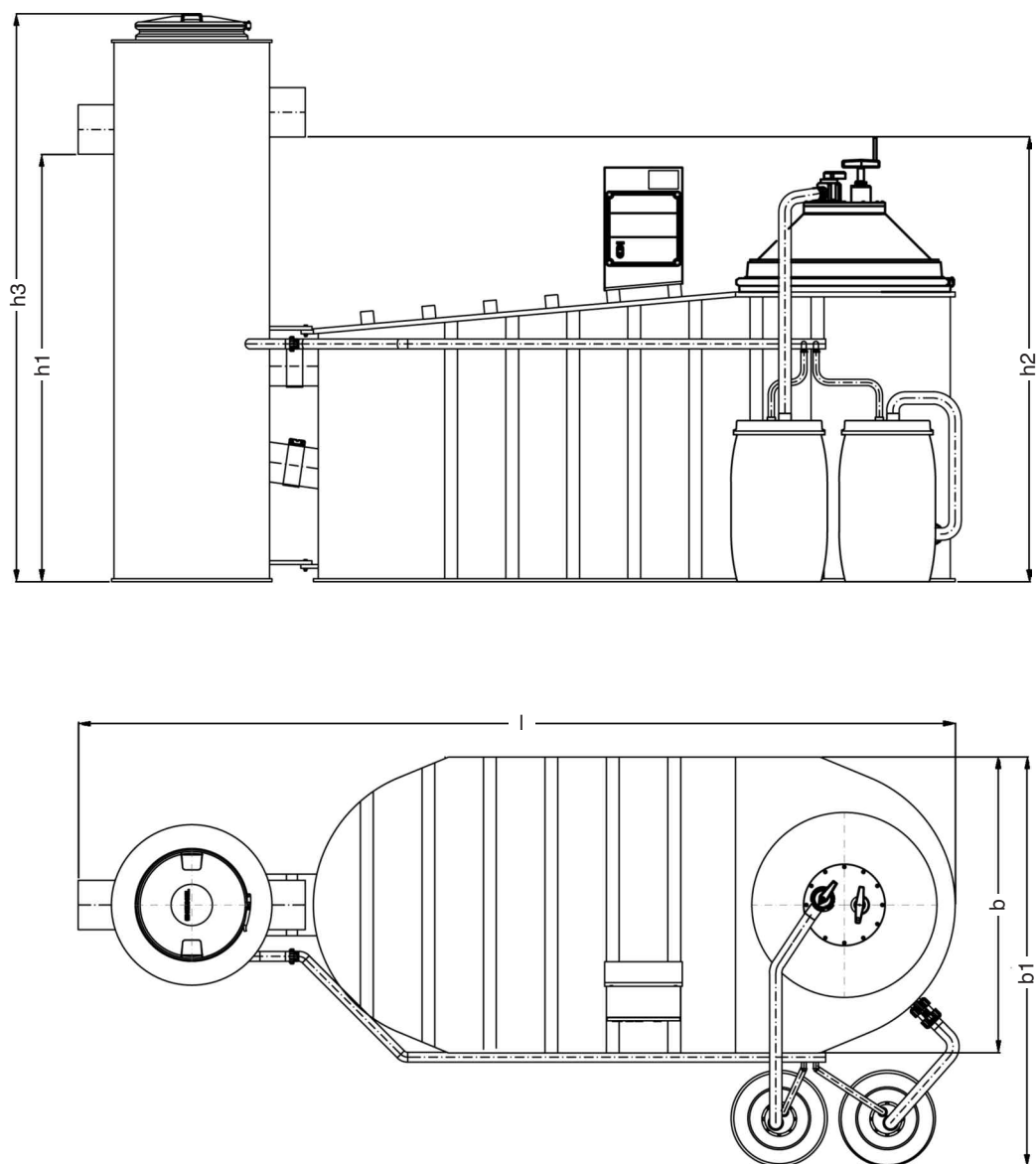


Nominal size	DN	Ø	Access opening		b1	h1	h2	h3	total volume in liter	weight in kg	Art. #
			l	x b							
NS 2	100	110	1760	x 930	1330	1230	1300	1700	600 l	97	93202.00/SE1-CNS
NS 4	100	110	1830	x 930	1330	1630	1700	2100	950 l	128	93204.00/SE1-CNS
NS 7	150	160	2230	x 1300	1700	1630	1700	2200	1450 l	186	93207.00/SE1-CNS
NS 10	150	160	2230	x 1300	1700	1730	1800	2300	1600 l	192	93210.00/SE1-CNS



### 3. Technical Data SE CNS NS 15-25

#### SE CNS NS 15-25



Nominal size	DN	Ø	Access opening l x b		b1	h1	h2	h3	total volume in liter	weight in kg	Art. #
NS 15	200	200	3600	1200	1650	1730	1800	2300	2950 l	485	93215.00/SE1-CNS
NS 20	200	200	4100	1300	1750	1730	1800	2300	3650 l	505	93220.00/SE1-CNS
NS 25	200	200	4600	1400	1850	1730	1800	2300	4350 l	535	93225.00/SE1-CNS

## 4. Installation and Assembly

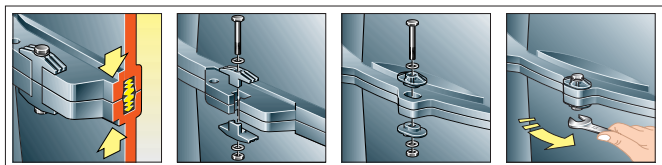
### 4.1 Installation information

The separator is shipped in large components for connection on-site.

This connection is normally handled by a local service company.

#### On-site set up information

- Safety information in this manual as well as local / international safety regulations should be followed.
- Improperly operating this grease separator may result in odours escaping which could cause a nuisance. It is recommended that this separator is installed in a separate ventilated room.
- If building access is limited, the larger components of this separator (sludge tank and grease tank) can be disassembled if required
- Due to the operational weight of the grease separator – the floor in which the separator is to be installed should be capable of handling the required loads.
- This separator should be installed on a flat floor in a frost free, weather protected room.
- For proper operation of the separator, temperatures in the room where the separator is to be installed should not be lower than 15 degrees Celsius.
- Separators containing connection components should be connected on-site to a maximum torque of 7 Nm.



- The inlet and outlet of the separator must be connected to the main kitchen drainage pipe (observe DIN 1986 and DIN 4040).
- The main kitchen wastewater pipe should have a slope of at least 1:50. No vertical drainage pipe should be connected within 1 meter of the separator inlet. Vertical drainage pipes entering the horizontal drainage pipe before a grease separator should not be connected with T-fittings or 90 degree fitting – these connections should be made with two 45 degree fittings.

### Important requirements for odour free grease separator operation

The inlet and the outlet of a grease separator should be properly ventilated to assure odour free operation of the grease separator. This ventilation connection should be as close to the inlet of the separator as possible. If there is no ventilation connection within 10 meters of the separator inlet, then a ventilation connection must be made. This ventilation should go directly to ambient air (roof connection).

All floor drains connected to the wastewater pipe entering the grease separator should be equipped with a sludge / sediment trap. Larger objects such as utensils or bones could lead to the malfunctioning of the separator's pumps or valves.

### 4.2 Assembly

#### Grease and sludge disposal tanks

- Connect the inlets of the grease storage tank and the sludge storage tank to the see-thru disposal lines provided with the separator
- Connect the ventilation inlets of the grease storage tank and the sludge storage tank to the proper connection on the main body of the separator.

#### Pipe connection

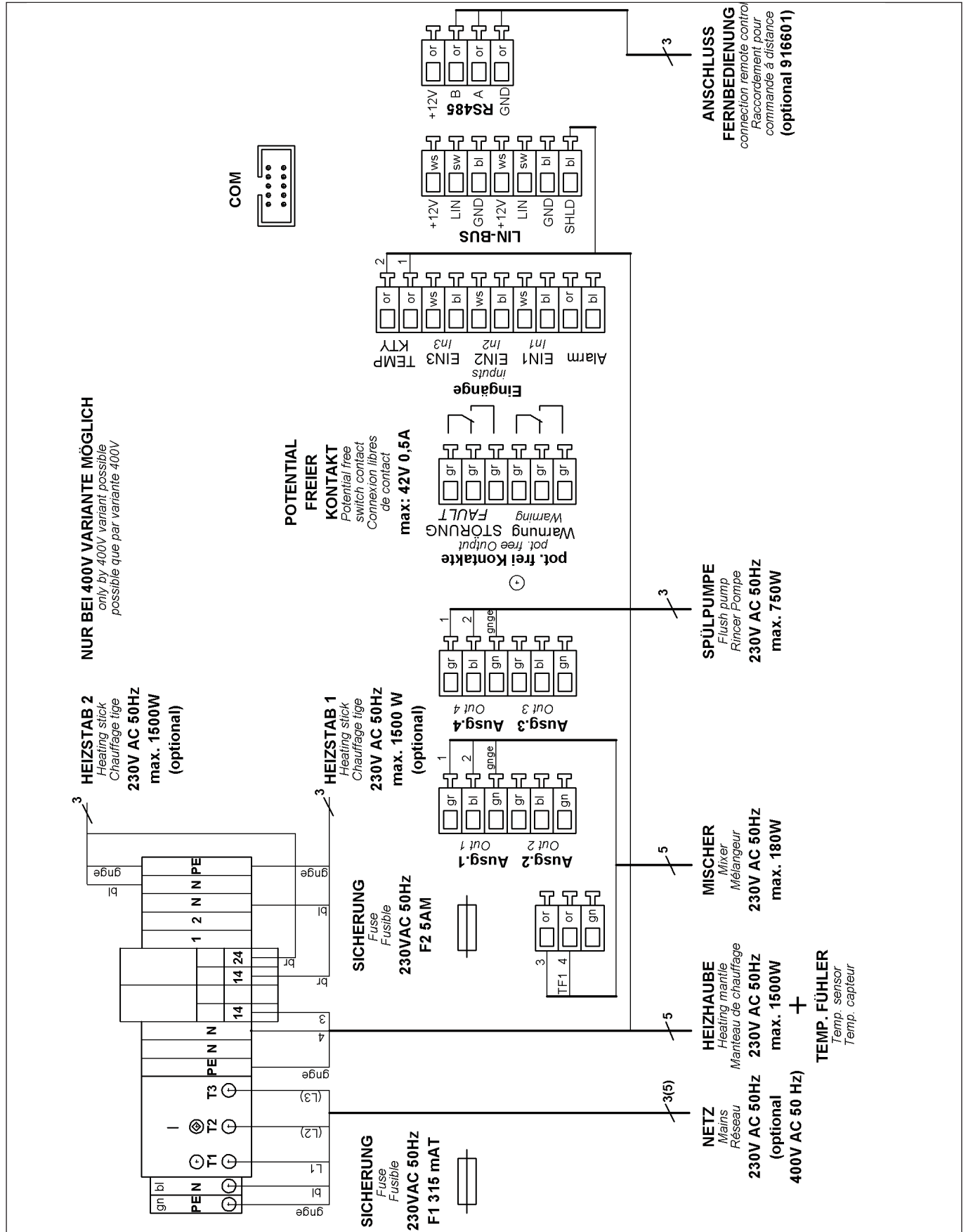
- Connect the inlet and outlet of the grease separator to the main wastewater pipe from the kitchen.

#### Final checks

- Make sure all connections have been installed properly and are secure. Hand valves connected to the grease and sludge tanks should be in the closed position.

# 5. Electrical Connections

## 5.1 Wiring diagram



## 5. Electrical Connections

### 5.2 Control unit



Fig. 1

The type plate is on the right outside of the control unit.

Control unit description:

- ① Control unit identification code
- ② Control unit article number
- ③ Voltage and frequency
- ④ Amperage
- ⑤ Protection class
- ⑥ Control unit serial number
- ⑦ Control unit replacement number
- ⑧ Danger symbol
- ⑨ Electrical protection class
- ⑩ CE symbol
- ⑪ Disposal symbol (do not dispose in normal trash)
- ⑫ Hardware status code

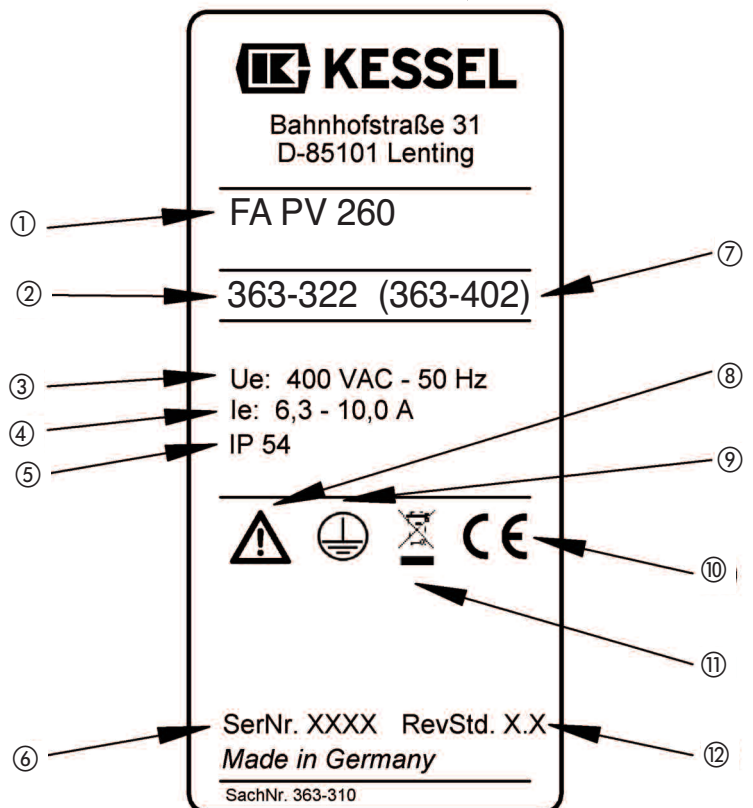


Fig. 2

### 5.3 Outputs

<i>Potential free contact</i>	<ul style="list-style-type: none"> <li>• Change-over contact, center contact</li> <li>Closing contact, Opening contact</li> <li>• max. 42 VAC / 0,5 Amp</li> </ul>
<i>Optional: remote alarm (Article Number 20162)</i>	Connection option for a remotely installed audible alarm

## 5. Electrical Connections

### 5.4 Control unit settings

#### 5.4.1. General

The following functions are controlled by the control unit:

- Rinsing (Euro Norm grease separators do not have the rinsing function)
- Heating
- Mixing

These functions are automatically started and ended according to the programmed settings. The systems components (electronic parts) can also be operated manually by using the control unit (See Menu 2.1).

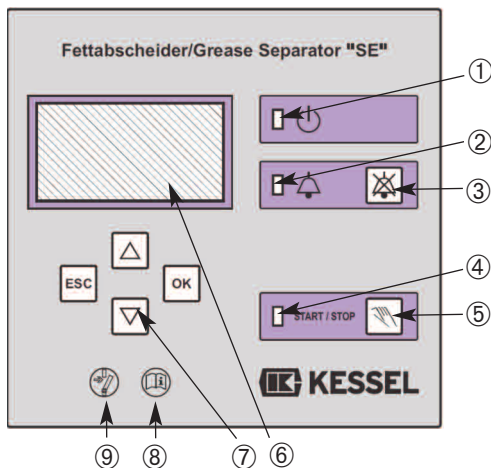
#### 5.4.2 Programming the functions

The time of day, date and disposal program has been factory set.

### 5.5 Operation

The control unit has a 'Start' and 'Stop' button ⑤ for manually controlling the disposal and a button for acknowledging any alarms ③. The current operating status of the separator is displayed by an LED ①, an alarm / malfunction LED ② and a function LED ④. The control unit can be operated by using the „Up▲“, „Down▼“, „ESC“ and 'OK' buttons ⑦.

Please follow the operating manual ⑧. Before conducting any work on the control unit be sure to disconnect it from its power source ⑨ (see safety instructions)

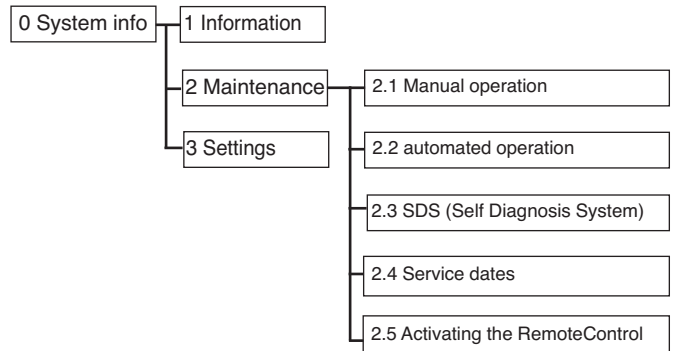


- ① Operation-LED
- ② Alarm-LED
- ③ Alarm-button
- ④ Pump operation-LED
- ⑤ START/STOP
- ⑥ digital display
- ⑦ Navigation buttons "Up/down" + "ESC/ OK"
- ⑧ Operating instructions
- ⑨ Disconnect control unit from power

### 5.6 Functions / Steps of the disposal procedure

The control unit is set up for automated or manual operation.

Manual operation has the priority over automated operation. If manual operation is activated, the automated operation is deactivated (internally set automated procedures will not start!)



**Note:** For proper disposal of collected grease, the heating function should be run for at least 2 hours before disposal. During the last minute of heating, the mixing motor should also run.

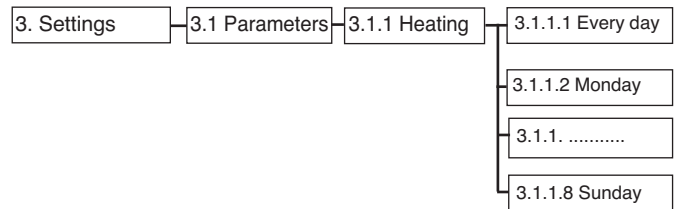
**If the automated heating times are changed, the mixing times should be changed accordingly.**

### 5.7 Setting parameters

**Note:** When programming the heating / mixing times be sure that no times run into the next day. For example if heating begins at 22:00 it should end at 23:59.

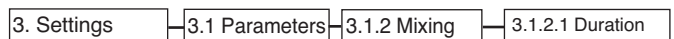
#### Setting the heating times

In Menu section 3.1.1 the day on which heating should occur can be set. Also here the starting time of the heating and the duration of the heating can be set.



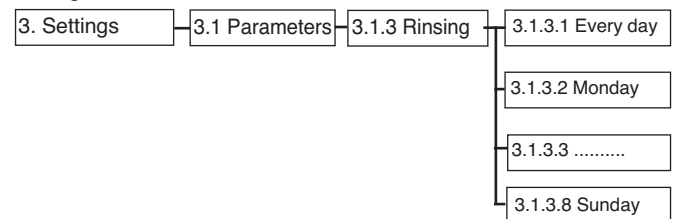
#### Setting the mixing function

In Menu 3.1.2 (mixing), the mixing duration can be set.



#### Setting the rinsing function

In Menu 3.1.3 on the control unit the day of the week that rinsing should take place can be set. Here you can also set the time of day that the rinsing should begin and also the duration of the rinsing.



## 6. Commissioning

The following steps must be taken before the grease separator is placed in operation.

### 6.1. Cleaning

All debris should be removed from the separator

### 6.2. Filling

Insure that both hand valves connected to the grease and sludge storage tanks are in the closed position. Completely fill the grease separator with clean cold water – when water begins flowing out of the outlet the separator is completely full of water. The separator is normally filled by simply running a faucet which is connected to the grease separator.

### 6.3. Ventilation

The heating dome of the separator must be ventilated. This is accomplished (after the separator has been completely filled with water) by opening the hand valve of the disposal pipe connected to the grease storage tank. As soon as water begins flowing into the grease storage tank the hea-

ting dome has been ventilated and the hand valve can be closed again.

### 6.4. Electrical connection

The electrical connection to the heating dome must be made on-site. This is accomplished by simply plugging in the supplied connection cable.

### 6.2 Hand-over instructions

Before the separator is handed over to the customer the following steps should be taken.

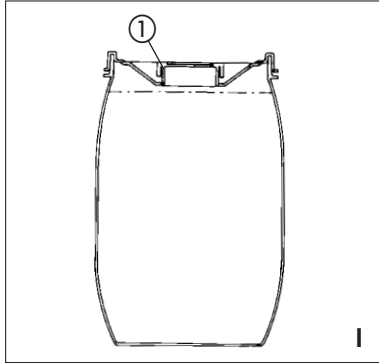
- Visual inspection of the entire system to insure the system has been properly connected and that the system is watertight
- Customer should be advised about the operation, maintenance and disposal of the grease separator
- A 'mock' disposal should be demonstrated so that the customer is aware of how grease and sludge should be disposed into the storage tanks.

## 7. Disposal

Tips to reduce odour release during operation and disposal of the grease separator

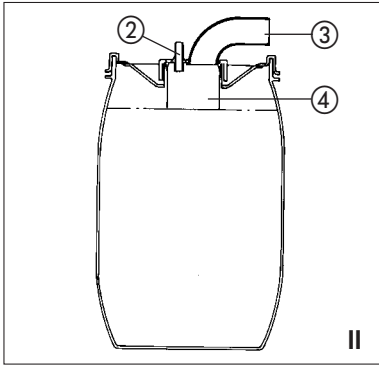
1. When changing disposal tanks, the cover should be switched and properly connected as fast as possible
2. Insure that the covers, inlet connection and ventilation connection are properly connected
3. Any spills should be cleaned as soon as possible
4. Full storage tanks should be taken away as soon as possible. Recommended is that the tanks are not stored for longer than 4 weeks.

### Barrel change



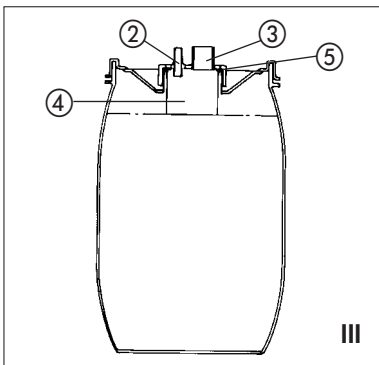
Exchange barrel with screwed cap used as a closure for transport

- ① Screwed cap



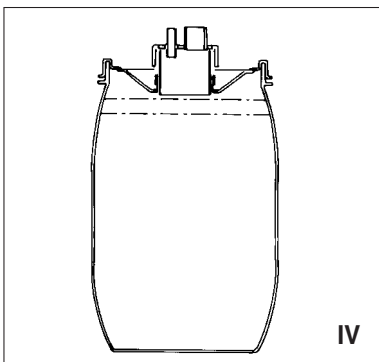
Exchange barrel fitted with filling head for sludge

- ② Ventilation stub
- ③ Filling connection
- ④ Filling head



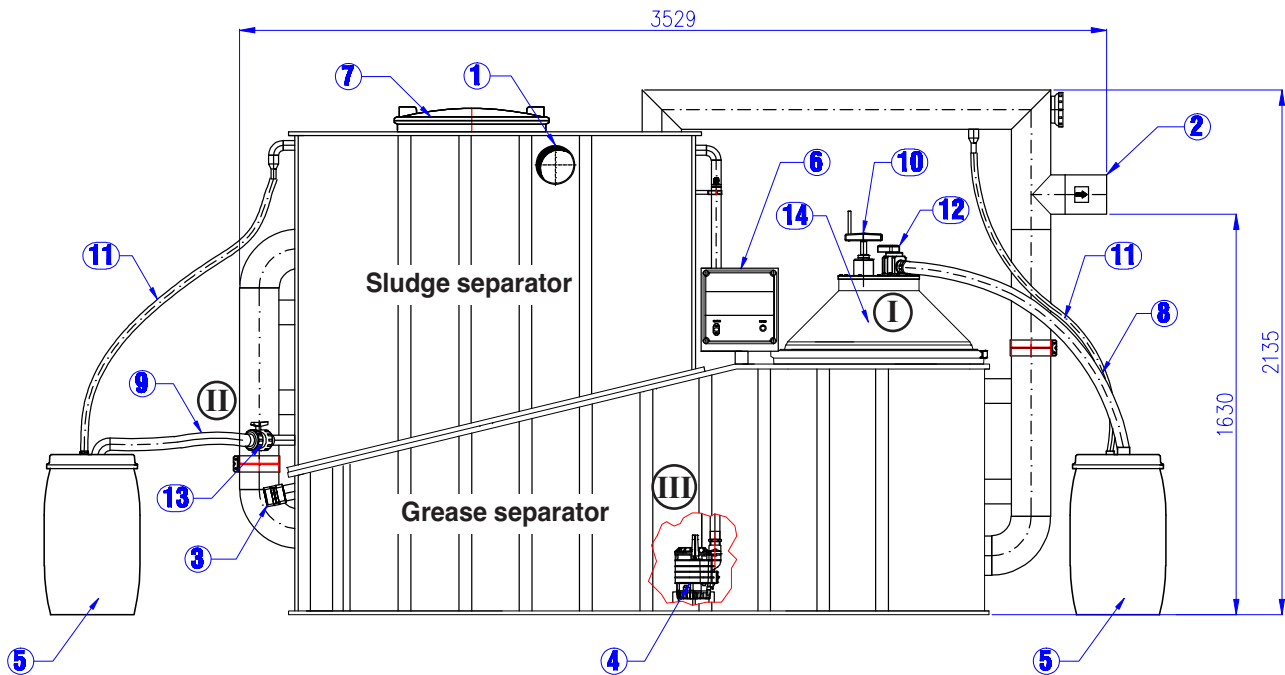
Exchange barrel fitted with filling head for fat

- ② Ventilation stub
- ③ Filling connection
- ④ Filling head
- ⑤ Cap nut



Exchange barrel with filling head raised. The space released is sufficient for residual liquid from the hose to run into the top of the barrel.

## 7. Disposal



### Step I: Grease disposal

Turn on the heating dome (12) by pressing the heating START button on the control unit (6). The heating cycle will run automatically for the pre-programmed amount of time (recommended heating time of 2 hours)

- After the heating cycle is finished, manually turn the hand lever (10) for approximately 1 minute.
- Open the hand valve on the grease storage tank (12).
- Allow grease to flow into the grease storage tank until either the tank is full or clear water begins flowing into tank.
- Close hand valve.
- In the case that the first grease tank is full, close the hand valve, change the grease storage tank, re-open the hand valve and continue disposal.

### Step II: Sludge disposal

- Open the hand valve (13) on the sludge storage tank
- Allow sludge to flow into the sludge storage tank (5) until either the tank is full or clear water begins flowing into tank.
- Close hand valve (13),
- In the case that the first sludge tank is full, close the hand valve, change the sludge storage tank, re-open the hand valve and continue disposal

### Step III: Sludge transfer (not for version Euro SE)

- After the grease and sludge have been emptied in their appropriate storage tanks, it is recommended that sludge

(which may have entered the grease separation area of the separator) is pumped back into the sludge tank. This is done by simply pressing the RINSING button on the control unit.

The sludge transfer pump will run as long as the button is pressed. Keep the button pressed for approximately 10 seconds and then release the button. The sludge transfer process is now complete.

- ① Inlet DN 150/DA160 mm
- ② Outlet DN 150/DA160 mm
- ③ Connection for heating rod (heating rod is optional)
- ④ Sludge transfer pump
- ⑤ Sludge and Grease tank
- ⑥ Unit control
- ⑦ Access
- ⑧ Grease disposal pipe
- ⑨ Sludge disposal pipe
- ⑩ Grease mixing lever
- ⑪ Internal ventilation
- ⑫ Grease disposal valve
- ⑬ Sludge disposal valve
- ⑭ Heating dome



## 8. Malfunction

The following information may be helpful in troubleshooting problems on-site

### Grease disposal:

Problem	Reason	Solution
little or no grease flows into storage tank	preheating of the grease was too short or not done at all	lengthen grease heating time
	preheating of the grease was too short or not done at all	lengthen grease heating time
	room temperature under 15 degrees Celsius	increase room temperature or increase heating time
	debris in grease disposal hose	install sediment trap in floor drains and sinks connected to grease separator
	air trapped in heating dome area	ventilate heating dome according to this manual

### Sludge disposal:

Problem	Reason	Soulution
little or no sludge flows into storage tank	sludge disposal hose blocked	disassemble and clean disposal hose
		dispose of sludge more frequently
		completely empty sludge tank and clean
	debris blocking valve or disposal hose	install sediment trap in floor drains and sinks connected to grease separator
grease layer in sludge separator	very little wastewater amount, high amount of grease	sludge should be transferred more frequently using the RINSING button on control unit

### Odour nuisance:

Problem	Reason	Solution
odours	drainage pipe not completely tight	inspect drainage piping and replace gaskets if necessary
	ventilation not in place / ventilation pipe too small	install proper ventilation
	separator cover, storage tank cover not odour tight	inspect covers and gaskets, replace if necessary
	full storage tank not disposed of timely	remove full storage tanks more frequently
	room air tight – not ventilated	equip room with proper ventilation

## 9. Maintenance

1. The system must be checked for leaks at start-up and at regular intervals afterwards (e.g. every month or during disposal).

2. The transparent hoses must be cleaned at regular intervals. For this purpose, they can be removed and rinsed out with warm water.

3. The sludge trap and the overflow must be checked for the build-up of layers of fat (visual inspection through the cover of the sludge trap and the cleaning ports). If necessary, the running periods of the circulation system will have to be increased.

4. An inspection must be carried out once per year, as the need arises or more often. For this purpose, the plant must be completely emptied and cleaned out. The condition of the sludge trap and the separator must be checked from inside and outside. We recommend having this work done by a company specialising in this type of work. Our Customer Service Department can arrange contact with an appropriate company for you.

5. In regard to the implementation of the legal requirements and controls, we recommend that all operators document all work carried out on, and all events taking place at the separator in an operator's log book and that they keep all paperwork relating to disposal as evidence.

Notes:

- ▶ Fix the operating instructions in the vicinity of the separator.
- ▶ Follow the safety instructions.
- ▶ Follow the accident prevention regulations.
- ▶ Dispose of the collecting barrels using an approved effluent disposal company.
- ▶ An application form for a maintenance contract is available from the KESSEL Customer Service Department.
- ▶ Subject to technical alterations

# Maintenance instructions for KESSEL „SE“ grease separator plants

The person carrying out maintenance must be familiar with the operation of the plant.

A spare seal for the heating cover of the corresponding „SE“ plant should be taken to the site so that this can be changed if necessary.

When opening the fat separator, bad odours must be expected.

## Preparation

- 1.) It must be ensured that no wastewater runs into the fat separator during maintenance work (inform the operator).
- 2.) Dispose of fat and sludge in accordance with the operating instructions (abide by the heating times).

## Maintenance work on the Sludge trap

- 1.) Open the cover to the sludge trap and remove all the water from inside (e.g. by having it pumped out by an effluent disposal company).
- 2.) Check the sludge discharge valve for obstructions, clean the inner discharge area and remove any possible blockages caused by larger objects.
- 3.) Wash down the inner walls of the sludge trap with warm clarified water, free them from any contamination and deposits and clean them.
- 4.) Check the feed to the sludge trap for obstructions and deposits and clean if necessary.
- 5.) Check the outlet of the rinsing line and clean if necessary.

# Maintenance instructions for KESSEL „SE“ grease separator plants

## Maintenance work on the grease separator tank

- 1) Pump the water from the grease separator tank to the sludge trap using the rinsing pump until the sludge trap is completely full.
- 2.) **WARNING:** Isolate the control box from the power supply before starting work.  
The electrical heating cover can now be removed. In order to do this, release the electrical plug connection(s), the transparent hose and the heating cover fasteners. Remove the heating cover.
- 3.) Have the residual water pumped out by, for example, an effluent-disposal company.
- 4.) Wash down the inside of the grease separator tank and the heating cover with warm water and clean them, carefully removing any deposits.
- 5.) Flush through the transparent hoses with warm water and clean them.
- 6.) Clean the pipe connections between the sludge trap and the fat separator tank, rinse and clean the discharge valves, rinse pump and special covers for the disposal barrels and check for obstructions.
- 7.) Check the heating cover seal for any possible damage and exchange if necessary. Clean and grease the surface of the seals and re-install the heating cover.
- 8.) Reassemble the plant.

## Maintenance work on the rinsing pump

**WARNING:** Isolate the control box from the power supply.

- 1.) Shut off the rinsing system valve, release the electrical plug connection and place a flat container underneath to catch the water from the rinsing line.
- 2.) Slacken the screwed fasteners in the feet of the motor and remove the impeller pump.
- 3.) Clean the impeller and free the pump from any blockages that may be there.
- 4.) Reassemble the pump, open the valve and check that the pump is operating properly (check flow).

## Re-commissioning

- 1.) Check the whole plant for leaks.
- 2.) Re-start the KESSEL „SE“ grease separator plant in accordance with Section 4.1

## 10. Warranty

1. In the case that a KESSEL product is defective, KESSEL has the option of repairing or replacing the product. If the product remains defective after the second attempt to repair or replace the product or it is economically unfeasible to repair or replace the product, the customer has the right to cancel the order / contract or reduce payment accordingly. KESSEL must be notified immediately in writing of defects in a product. In the case that the defect is not visible or difficult to detect, KESSEL must be notified immediately in writing of the defect as soon as it is discovered. If the product is repaired or replaced, the newly repaired or replaced product shall receive a new warranty identical to that which the original (defective) product was granted. The term defective product refers only to the product or part needing repair or replacement and not necessarily to the entire product or unit. KESSEL products are warranted for a period of 24 month. This warranty period begins on the day the product is shipped from KESSEL to its customer. The warranty only applies to newly manufactured products. Additional information can be found in section 377 of the HGB.

In addition to the standard warranty, KESSEL offers an additional 20 year warranty on the polymer bodies of class I / II fuel separators, grease separators, inspection chambers, wastewater treatment systems and rainwater storage tanks. This additional warranty applies to the watertightness, usability and structural soundness of the product.

A requirement of this additional warranty is that the product is properly installed and operated in accordance with the valid installation and user's manual as well as the corresponding norms / regulations.

2. Wear and tear on a product will not be considered a defect. Problems with products resulting from improper installation, handling or maintenance will also be considered a defect.

**Note:** Only the manufacturer may open sealed components or screw connections. Otherwise, the warranty may become null and void

01.06.2010

## 11. Important contacts / Info

Separator Type	_____
KESSEL Art. #	_____
Production Date	_____
Project description / Building services supervisor Address Telephone / Fax	_____ _____ _____ _____
Planner Address Telephone / Fax	_____ _____ _____
Contracted plumbing company Address Telephone / Fax	_____ _____ _____
System operator / owner Address Telephone / Fax	_____ _____ _____
Other remarks	_____

The system operator, and those responsible, were present during the commissioning of this system.

\_\_\_\_\_  
Place and Date

## 12. Separator characteristics

### A) General information

Installation area : \_\_\_\_\_

Type : \_\_\_\_\_

Production number : \_\_\_\_\_ Production Year: \_\_\_\_\_

### B) Technical data

Weight / kg : \_\_\_\_\_ Length x width x height : \_\_\_\_\_

EN : \_\_\_\_\_ Approval : \_\_\_\_\_

Size : \_\_\_\_\_ Sludge trap volume : \_\_\_\_\_

Material : \_\_\_\_\_ total volume : \_\_\_\_\_

### C) Electrical data

Voltage : \_\_\_\_\_

Connection value : \_\_\_\_\_

Protection rating : \_\_\_\_\_

Fuse requirements: \_\_\_\_\_

### D) Equipment

Pump : \_\_\_\_\_ Control unit : \_\_\_\_\_

Valves : \_\_\_\_\_ Grease level sensor: \_\_\_\_\_

Sampling device : \_\_\_\_\_ Grease/sludge storage tanks : \_\_\_\_\_

Accessories : \_\_\_\_\_ Heating element : \_\_\_\_\_

\_\_\_\_\_ : \_\_\_\_\_

\_\_\_\_\_ : \_\_\_\_\_

\_\_\_\_\_ : \_\_\_\_\_

### E) Final inspection

This unit has been checked before leaving the factory.

Watertightness : \_\_\_\_\_

Electricity : \_\_\_\_\_

Function : \_\_\_\_\_

Completeness of System : \_\_\_\_\_

Date

Name of examiner

Stamp

### Separator characteristics



Mat.-Description

Mat.-No./Order-No./Prod. Date

Ref.No./Material/Weight

EN/Approval

## Dimensions

## Volume

Density

Description 1

## Description 2

This unit has been checked for watertightness to be sure that it is fully operational before leaving the factory.

Date \_\_\_\_\_

Name of examiner